UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/629,458	07/31/2000	Phillip C. Keslin	1034.00	5371

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EXAMINER
CUNNINGHAM, GREGORY F

ART UNIT	PAPER NUMBER
2628	

DATE MAILED: 06/29/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

<table>
<tr><td rowspan="2">Office Action Summary</td><td>Application No.</td><td>Applicant(s)</td></tr>
<tr><td>09/629,458</td><td>KESLIN, PHILLIP C.</td></tr>
<tr><td></td><td>Examiner</td><td>Art Unit</td></tr>
<tr><td></td><td>Greg F. Cunningham</td><td>2628</td></tr>
</table>

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *12 April 2006*.

2a)☐ This action is **FINAL.**   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle,* 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-21* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☒ Claim(s) *6-21* is/are allowed.

6)☒ Claim(s) *1-5* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

1.   This action is responsive to communications of amendment received 4/12/2006.

2.   The disposition of the claims is as follows: claims 1-21 are pending in the application.

Claims 1, 6 and 15 are independent claims.

Claim Rejections - 35 USC § 102

3.   In view of Applicant's remarks, rejections under 102 are withdrawn with respect to

claims 1-21.

Claim Rejections - 35 USC § 103

4.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

5.   Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nguyen, (US

6,564,250 B1).

A.   Nguyen discloses claim 1, "A system for providing a client [col. 2, lns. 36-43; col. 3, lns.

15-24 – wherein 'miniclient 111' corresponds to "client"] with access to remote graphics

rendering resources [col. 3, ln. 21 – wherein "remote graphics rendering resources" corresponds

to 'web server (not shown)'] at a server [col. 1, lns. 43-60 – 'server 120'; col. 2, lns. 44-52], the

server comprising:

a graphics application [col. 2, lns. 44-52; col. 3, lns. 15-28 wherein 'web browser 121' corresponds "graphics application"], at the server [col. 1, lns. 43-60 – 'server 120'], wherein said graphics application [web browser 121] receives commands [col. 3, ln.17 – 'a set of web requests'] from the client [col. 2, lns. 29-55, wherein 'full web browser 121' corresponds to "graphics application, at the server" and 'transmitting web requests entered by a user and transmitted from the from the internet appliance 110 to the server 120' corresponds to "wherein said graphics application receives commands from the client"]; and

a remote rendering control system [col. 2, lns. 44-52 and col. 3, lns. 15-28 wherein 'web browser 121' also corresponds to "remote rendering control system"], at the server, that receives graphics instructions [web requests] from said graphics application [web browser 121], generates modified graphics instructions [col. 3, lns. 18-21, whereby corresponds to '(if they are not already in a dialect of HTTP) transforms them into proper HTTP protocol requests'] on the basis of said graphics instructions [col. 2, ln. 55 – col. 3, ln. 14], and outputs said modified graphics instructions [transformed HTTP requests] to the remote graphics rendering resources [col. 3, lns. 15-28 and col. 5, lns. 28-50, 'web server (not shown)']" [as detailed and further wherein 'web browser 121' acts as "graphics application" and "remote rendering control system" with "graphic instruction" since web browser 121 might have features such as found in Microsoft "Internet Explorer" product or "Netscape Navigator" product. For example, these features might include transmitting web requests entered by the user and transmitted from the internet appliance 110 to the server 120, preparing web pages for display by the miniclient 111 at the internet appliance 110, caching web pages and other web objects for use by the miniclient 111 at the internet appliance 110, and running applets embedded in web pages. Both Microsoft "Internet Explorer"

and "Netscape Navigator" products inherently are a graphics application with graphic

instructions to a graphics rendering control corresponding to Applicant's "graphics application",

graphic instructions" and "remote rendering control system"].

Therefore it would have been obvious to one of ordinary skill in the art at the time the

invention was made to apply Microsoft "Internet Explorer" and/or "Netscape Navigator"

products disclosed by Nguyen in combination with its inherent transparent interface.

B.   Nguyen discloses claim 2, "The system of claim 1, wherein said remote rendering control

system comprises a transparent interface to said graphics application, and wherein said

transparent interface supports initialization of a graphics rendering session and accommodates

client parameters during said graphics rendering session" supra for claim 1, wherein 'web

browsers' inherently possess "a transparent interface" and "support initialization of a graphics

rendering session". Moreover in col. 2, lns. 44-59, wherein web browser 121 might have features

found in both Microsoft "Internet Explorer" and/or "Netscape Navigator" products that are

inherently a graphics application with transparent interface with graphic instructions to a

graphics rendering control corresponding to Applicant's "graphics application", graphic

instructions" and "remote rendering control system". In addition the [col. 4, lns. 18-27, 'display

resolution and/or display size' correspond to "accommodates client parameters during said

graphics rendering session". Furthermore disclosed in col. 3, ln. 30 col. 4, ln. 52, wherein

communication link is adjusted to adapt for limited resources, quality adapted for display

updates, compressing, and quality adjustment via dynamic measurement.

Therefore it would have been obvious to one of ordinary skill in the art at the time the

invention was made to apply Microsoft "Internet Explorer" and/or "Netscape Navigator"

products disclosed by Nguyen in combination with its inherent transparent interface.

C.   Nguyen discloses claim 3, "The system of claim 1, wherein image data is produced from

said modified graphics instructions, and wherein said remote rendering control system comprises

a data compression module that compresses said image data prior to sending said image data to

the client" supra for claim 1 and furthermore in col. 3, lns. 53-67, at 'compression of the graphic

element' and 'compressing the text'.

D.   Nguyen discloses claim 4, The system of claim 1, wherein said remote rendering control

system receives image data generated by the remote graphics rendering resources on the basis of

said modified graphics instructions, and sends said image data to the client" supra for claim 1.

E.   Nguyen discloses claim 5, "The system of claim 1, wherein said remote rendering control

system receives graphics instructions from said graphics application in response to said

commands from the client" supra for claim 1.

Response to Arguments

6.   Applicant's arguments filed 4/12/2006 have been fully considered but they are not

persuasive. Nguyen discloses the "remote graphics rendering resources" and "remote rendering

control system" as detailed supra for claim 1. Note that the 'web browser 121' acts as "graphics

application" and "remote rendering control system" with "graphic instruction" since web

browser 121 might have features such as found in Microsoft "Internet Explorer" product or

"Netscape Navigator" product. For example, these features might include transmitting web

requests entered by the user and transmitted from the internet appliance 110 to the server 120,

preparing web pages for display by the miniclient 111 at the internet appliance 110, caching web

pages and other web objects for use by the miniclient 111 at the internet appliance 110, and

running applets embedded in web pages. Both Microsoft "Internet Explorer" and "Netscape

Navigator" products inherently are a graphics application with graphic instructions to a graphics

rendering control corresponding to Applicant's "graphics application", graphic instructions" and

"remote rendering control system".

Furthermore it is web browser 121 that prepares web pages for display by the miniclient

111, not the miniclient – see col. 2, lns. 49-56. Moreover the miniclient 111 comprises a web

client that has been stripped down; and the web browser 121 is a full-featured web browser client

– see col. 2, lns. 36-52, such that web browser 121 provides the graphics control and rendering

for the miniclient and it (web browser 121) is remote since it is located at the server 120.

Allowable Subject Matter

7.   Claims 6-21 are allowed.

The reasons for the indication of allowable subject matter was given in a prior office

action.

Responses

8.   Responses to this action should be mailed to: Commissioner of Patents and Trademarks,

Washington, D.C. 20231.

Inquiries

9.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Gregory F. Cunningham whose telephone number is (571) 272-

7784.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kee Tung can be reached on (571) 272-7794. The Central FAX Number for the

organization where this application or proceeding is assigned is **571-273-8300**.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Gregory F. Cunningham
Examiner
Art Unit 2628

gfc

6/23/2006